



API 570 Piping Inspector

6 Days Training



Date: _____

Venue: Kuala Lumpur

Training Description

The **Training** is by means of tutor presentation, case study, and practical examination is aimed to provide the participants who wish to be qualified under API ICP as API 570 Piping Inspector.

Class Participants

Participants who wish to apply for the API Exam should have at least 3 years of experience at a petro-, chemical- or industrial facility and have at least 1 year of inspection experience. However, participants who do not meet this requirement are also welcomed to attend this Training to further their knowledge in the related areas.

Who Should Join

Piping inspection engineers and managers, Inspection personnel, operating engineers and managers, who wish to sit for API 570 examination. Maintenance engineers and technicians and people involved in trouble shooting of plant operations.

What Codes to Bring

ASME Codes:

- B&PV Section V Non-Destructive
- B&PV Section IX Welding Qualifications
- B16.5 Flanges & Flanged Fittings
- B31.3 Process Piping Fabrication

API Codes:

- API 570 Piping Inspection Code
- API 571 Material Degradation Mech. (partial)
- API 574 Inspection of Piping Components
- API 577 Welding Inspection
- API 578 Material Verification Program

Note: See the API website www.api/icp.org to determine which editions will be used for your exam.

Training Objectives

The Training provides participants with the knowledge necessary to:

1. Knowledge of API publications and other international standards; these publications and standards include:-
 - API Standard 570 - Inspection, Repair, Alteration, and Rerating of In Service Piping Systems
 - API RP 571, Damage mechanisms Affecting Fixed equipment in the Refining Industry
 - API Recommended Practice 574 – Inspection Practices for Piping System Components
 - API RP 577, Welding Inspection and Metallurgy
 - API Recommended Practice 578 – Material Verification Program for New and Existing Alloy Piping Systems
 - ASME Section V, Non-destructive Examination
 - ASME Section IX, Welding and brazing Qualifications
 - ASME B16.5, Pipe Flanges and Flanged Fittings
 - ASME B31.3, Process Piping
2. Knowledge and expertise that required for maintenance, rating, inspection, repair and alteration of in-service piping systems;
3. Information of API Individual Certification Program and API 570 Inspector certification process;
4. Practical test that simulating the API 570 ICP exam;
5. Competence and confidence to finally achieve API 570 ICP qualification.

API Exam Application

The scheduled dates for API 570 Inspector Certification Examination is as below:

Examination Dates: _____

Submissions to API: _____



API 570 Piping Inspector

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Training Course Programme

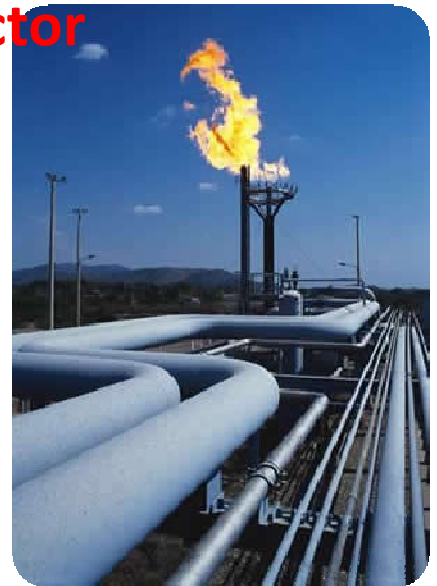
| Day & Time | Modules |
|---------------|---|
| Day 1 | |
| 09:00 - 09:30 | Module 0 - Introduction, Publications, Training Outline, Examination requirements & Body of Knowledge |
| 09:30 - 13:00 | Module 1 - API RP 577 - Welding Inspection & Metallurgy |
| 13:00 - 14:00 | Lunch |
| 14:00 - 18:00 | Module 2 - ASME Sect IX - Welding & Brazing Qualifications |
| Day 2 | |
| 09:00 - 13:00 | Module 3 - ASME Sect V - NDE |
| 13:00 - 14:00 | Lunch |
| 14:00 - 18:00 | Module 4 - API RP 571 - Damage Mechanisms Affecting Fixed Equipment in the Refinery Industry |
| Day 3 | |
| 09:00 - 13:00 | Module 5 - ASME B31.3 - Process Piping |
| 13:00 - 14:00 | Lunch |
| 14:00 - 18:00 | Module 6 - ASME B16.5 - Pipe Flanges and Flanged Fittings |
| Day 4 | |
| 09:00 - 13:00 | Module 7 - API 570 - Piping Inspection Code |
| 13:00 - 14:00 | Lunch |
| 14:00 - 18:00 | Module 7 - API 570 - Piping Inspection Code (cont.) |
| Day 5 | |
| 09:00 - 13:00 | Module 8 - API RP 578 - Material Verification Program |
| 13:00 - 14:00 | Lunch |
| 14:00 - 18:00 | Module 9 - API RP 574 - Insp. Practices for Piping System Components |
| Day 6 | |
| 09:00 - 13:00 | API 570 Examination Information, Practice Examination, Q&A |
| 13:00 - 14:00 | Lunch |
| 14:00 - 17:30 | API 570 Examination Information, Practice Examination, Q&A |
| 17:30 - 18:00 | Wrap up the Training |

Participants should bring to class: a calculator, a straight edge (or triangle), pencils, highlighters, lots of questions, and a "CAN-DO" attitude.



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Instructor



Ho Bee Leong

The personnel developing and conducting this course is Mr Ho Bee Leong. He works in the Oil and Gas industries with related disciplines for more than 15 years and also has more than 9 years of experience in developing and conducting API ICP training courses. Countries in which these courses were held include Singapore, Philippines, Indonesia and China.

He is qualified for ICP 510, 570 and 653 with certificate numbers: ICP 510 – 29563; ICP 570 – 24410 and ICP 653 – 31253.

Summary of Professional Experiences:

- Asset Integrity and Risk Management Services (ARMS)
- Plant Maintenance and Engineering
- Materials Selection
- Risk-based Inspection (RBI)
- Failure Analysis
- Six Sigma (Green Belt)
- Metallurgy and Chemical Analysis
- Corrosion Assessment, Protection & Material Selection
- Condition Assessment of Structures and Components
- Welding Consultancy/Inspection/Witnessing
- Non-destructive Testing (MT, PT, UT, RT, & ET)
- Fiberscopic Inspection
- Calibration & Mechanical Testing

Codes For Sale

ASME Codes:

- B&PV Section V Non-Destructive
- B&PV Section IX Welding Qualifications
- B16.5 Flanges & Flanged Fittings
- B31.3 Process Piping Fabrication

API Codes:

- API 570 Piping Inspection Code
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- API 577 Welding Inspection
- API 578 Material Verification Program

Code books are available at Techstreet , www.techstreet.com or Global Eng Docs , www.global.ihs.com

Limited Attendees

The course has limited seats up to 25 participants to ensure maximum learning and experience for all participants.

Certificate of Attendance

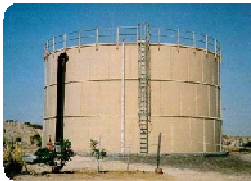
Every participants will receive a Certificate of Attendance bearing the signatures of the Trainer upon successful completion of the course. This certificate is proof of the participants' continuing professional development.

Interactive Training

The training program is designed to be interactive to ensure deeper and wider knowledge and experiences are shared among participants and trainer. This will enhance the understanding and appreciation towards the subject matter.

Quality Course Materials

Training material will be provided based on the trainer's notes. This material will be used throughout the course and it will be invaluable source of reference for future use.



Tentative API Training Schedule 2011

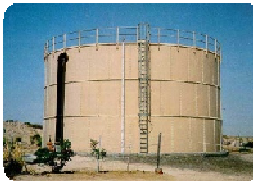
| SEPTEMBER | | | | | | |
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| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | |

| OCTOBER | | | | | | |
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| 30 | 31 | | | | | |

| NOVEMBER | | | | | | |
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| DECEMBER | | | | | | |
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| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| | |
|---------|---------|
| API 570 | API 653 |
| API 510 | API 580 |



Tentative API Training Schedule 2012

| JANUARY | | | | | | |
|---------|----|----|----|----|----|----|
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| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | | | | |

| MARCH | | | | | | |
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| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

| MAY | | | | | | |
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| 20 | 21 | 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 | | |

| JULY | | | | | | |
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| SEPTEMBER | | | | | | |
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| NOVEMBER | | | | | | |
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| FEBRUARY | | | | | | |
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| APRIL | | | | | | |
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| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 29 | 30 | | | | | |

| JUNE | | | | | | |
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| 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

| AUGUST | | | | | | |
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| 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 31 | |

| OCTOBER | | | | | | |
|---------|----|----|----|----|----|----|
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| 28 | 29 | 30 | 31 | | | |

| DECEMBER | | | | | | |
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| | |
|--|---------|
| | API 570 |
| | API 510 |
| | API 653 |
| | API 580 |

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|--|---------|
| | API 570 |
| | API 510 |
| | API 653 |
| | API 580 |

| | | | |
|--|---------|--|---------|
| | API 570 | | API 653 |
| | API 510 | | API 580 |



REGISTRATION

API 510 ☐API 570 ☐API 653 ☐API 580 ☐QUOTE ☐

| Training Package | Price (RM) |
|--|------------|
| Standard Price | 4,950.00 |
| Early Bird Offer | 4,750.00 |
| Team Discount for 3 or more participants | 4,550.00 |

Training Date: _____

To register,
fill in the
form and fax
to us
TODAY!

Note:

To enjoy the offer, full payment shall be made before the deadline.

Prices cover 2 tea breaks and buffet lunch, training materials and copies of the required CODES.

Important: Please note that registration without payment will incur a RM200 administration fee**Participant Details**

Name: _____ ☐ Mr ☐ Mrs ☐ Ms ☐ Dr
Contact Number: _____ Email: _____
Job Title: _____ Dept: _____
Head of Dept: _____

Program Director

Name: Zulkiflee Ngah
Email: zulkiflee_ngah@imsb.com.my
Tel: 03-8061-4606 Fax: 03-8061-4506

Invoice Details

Attention Invoice to: _____ Email: _____
Contact Number: _____ Fax No: _____
Company: _____ Industry: _____
Address: _____

Cancellation Policy

Participant may substitute delegates at any time as long as reasonable advance notice is given to SPEKTRA. For any cancellation received in writing not less than fourteen (14) working days prior to the training, participant will receive a full refund less a RM 200 administration fee and any related bank or credit card charges. Participant who cancel less than fourteen (14) working days of the training, or who do not attend the training, are liable to pay the full training fee and no refunds will be granted.

Finance Department Contact Details

Name: _____ Email: _____
Contact Number: _____ Job Title: _____

Disclaimer

Please note that trainers and topics were confirmed at the time of publishing; however, SPEKTRA may necessitate substitutions, alterations or cancellations of the trainers or topics. As such, SPEKTRA reserves the right to change or cancel any part of its published program due to unforeseen circumstances. Any substitutions or alterations will be updated on our webpage as soon as possible.

Payment Methods

- ☐ By Cheque/Bank Draft: Made payable to SPEKTRA NIAGA SDN BHD
☐ By Direct Transfer: Please quote invoice number(s) on remittance advice.
Account details: MAYBANK **512-772-301-575** SPEKTRA NIAGA SDN BHD

Note:

All bank charges to be borne by payer. Please ensure that SPEKTRA NIAGA SDN BHD receives the invoiced amount.

I agree to SPEKTRA's payment terms and cancellation policy.

Signature: _____ Date: _____

Please tick if participant require:Hotel accommodation ☐